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Common Cysteine Backbone

1		50
human-gremlin.pro	_____	_____
human-cerberus.pro	MHLLLFQLLV	LLPLGKTTTH QDGRNQSSL SPYLLPNQVR ELPTGNHEEA
human-dan.pro	_____	_____
human-beer.pro	_____	_____
51		100
human-gremlin.pro	_____	M SRTAYTVGAL LLLLGTLPA AEGKKKGSQG
human-cerberus.pro	EKKPDLFVAV	PHLVAT.SPA GEGQRQREKM LSRFGRFWKK PEREMHPSRD
human-dan.pro	_____	_____
human-beer.pro	_____	_____MQLPLA LCLVCLLWIT
101		150
human-gremlin.pro	AI.PPPKAAQ	HNDEQTQSP QQPGSNRGR GQGRGTAMPG EEVLSSQEA
human-cerberus.pro	SDSEFPFPGT	QSLIQID.G MKMEKSPLE EAKKFMHFM FRKTPASQGV
human-dan.pro	_____	_____MLRVLVGAVL PAMLLAAPPP
human-beer.pro	AFRVVEGQEM	QAFKNDATETI IPELGEYPEP PPELENNKTH NRAENGERPP
151		200
human-gremlin.pro	LHVTERTYLYK	ROMCKTQPLK QTTHEEGGNS RTIINRF.CY GQCNSEFYIPR
human-cerberus.pro	ILPIKSHEVH	WETCRTPVPS QTTHEEGCEK VVQNNL.CF GKQGSVHFP.
human-dan.pro	INKLALFPDK	SAWCEAKNIT QIVGHSGCEA KSIQNR.CI GQCFYSYVPI
human-beer.pro	HHPFETKQVS	EYSCRELHFT RYVTDGPCRS AKPVTELVCES GQCGPARLLP
201		250
human-gremlin.pro	HIRKEEGSFQ	SCSF...CKP KKFTTHMVTL NCPQLQPTK K.KRVTRVKQ
human-cerberus.pro	..GAQHSHT	SCSH...CLP AKFTTHMLPL NETELSSVIK V...VMLVEE
human-dan.pro	TFQSTESLV	HCDS...CMP AQSMIEIVTL ECPGHEEVPR VDKLVEKILH
human-beer.pro	NATGRGQWR	PSEPDRFCIP DRYRQVRVQL LCPGGEAPRA RKVRLVAS..
251		300
human-gremlin.pro	CRC.ISTDLQ	_____
human-cerberus.pro	CQCKVCTEHE	DGHTUAGSQ DSFIPGVSA-_____
human-dan.pro	CSCQACGKEP	SHEGLSVYVQ GEDGPGSQPG THPHPHPHPH PGGQTPPEPD
human-beer.pro	CKCKRLTRFH	NOSELKDFGT EAAPQKGRK PRPRARSAKA NQAELENAY-
301		314
human-gremlin.pro	_____	_____
human-cerberus.pro	_____	_____
human-dan.pro	PPGAPHTEEE	GAED
human-beer.pro	_____	_____

Fig. 1

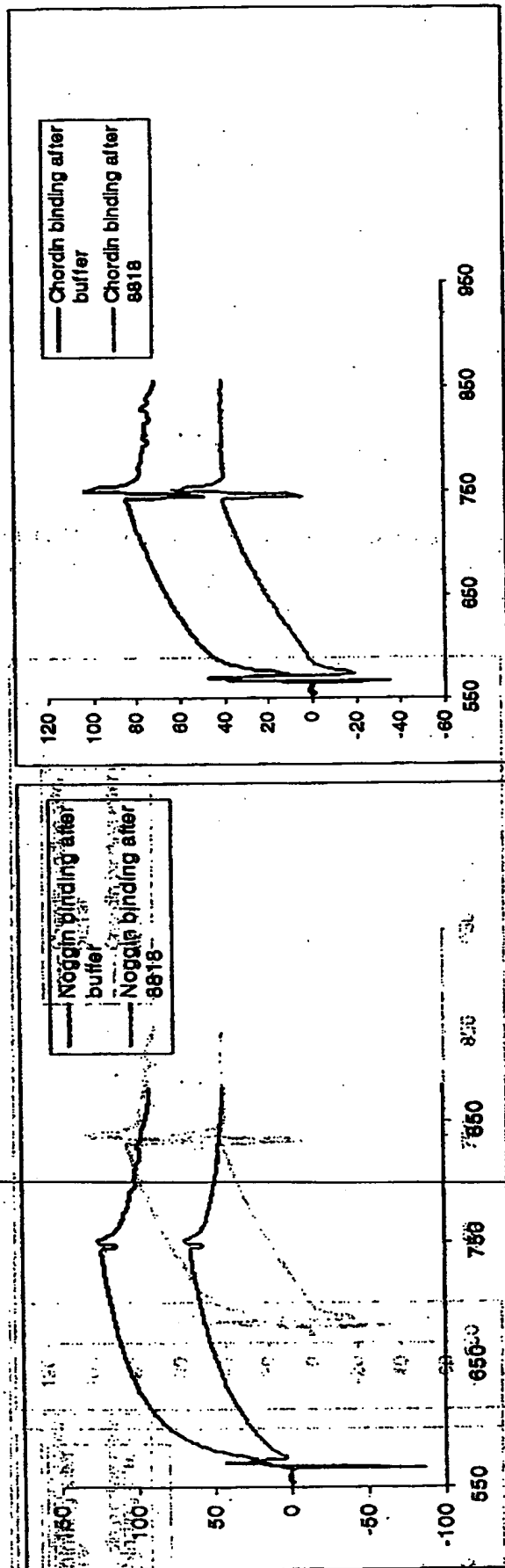


FIGURE 2

No inhibition Inhibition

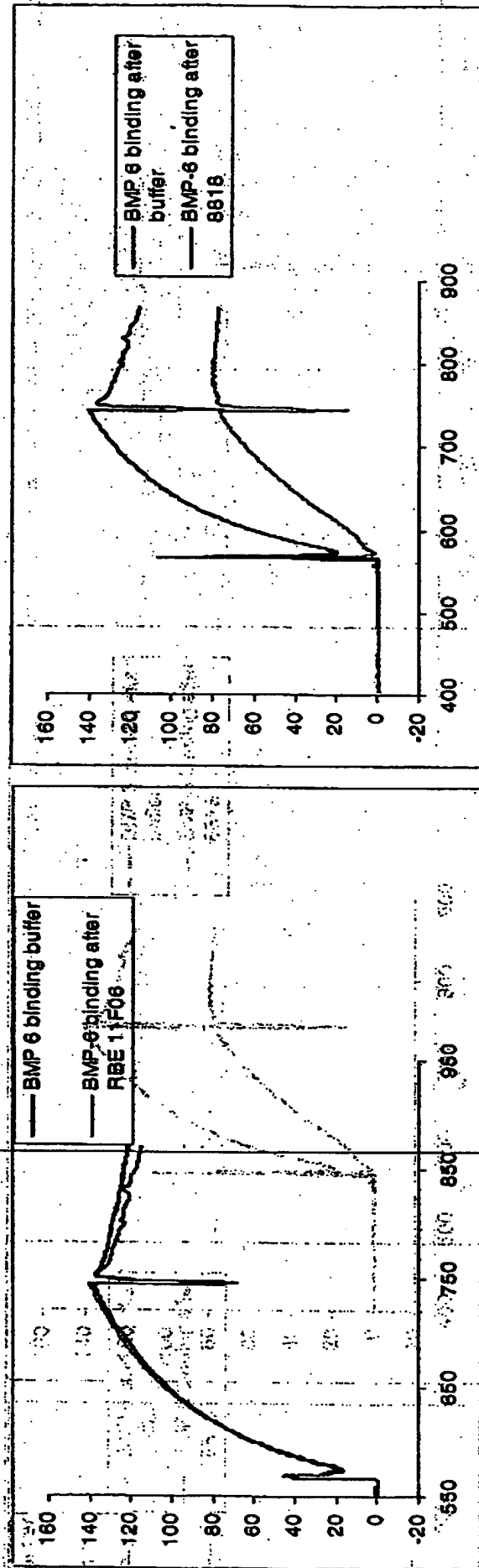


FIGURE 3

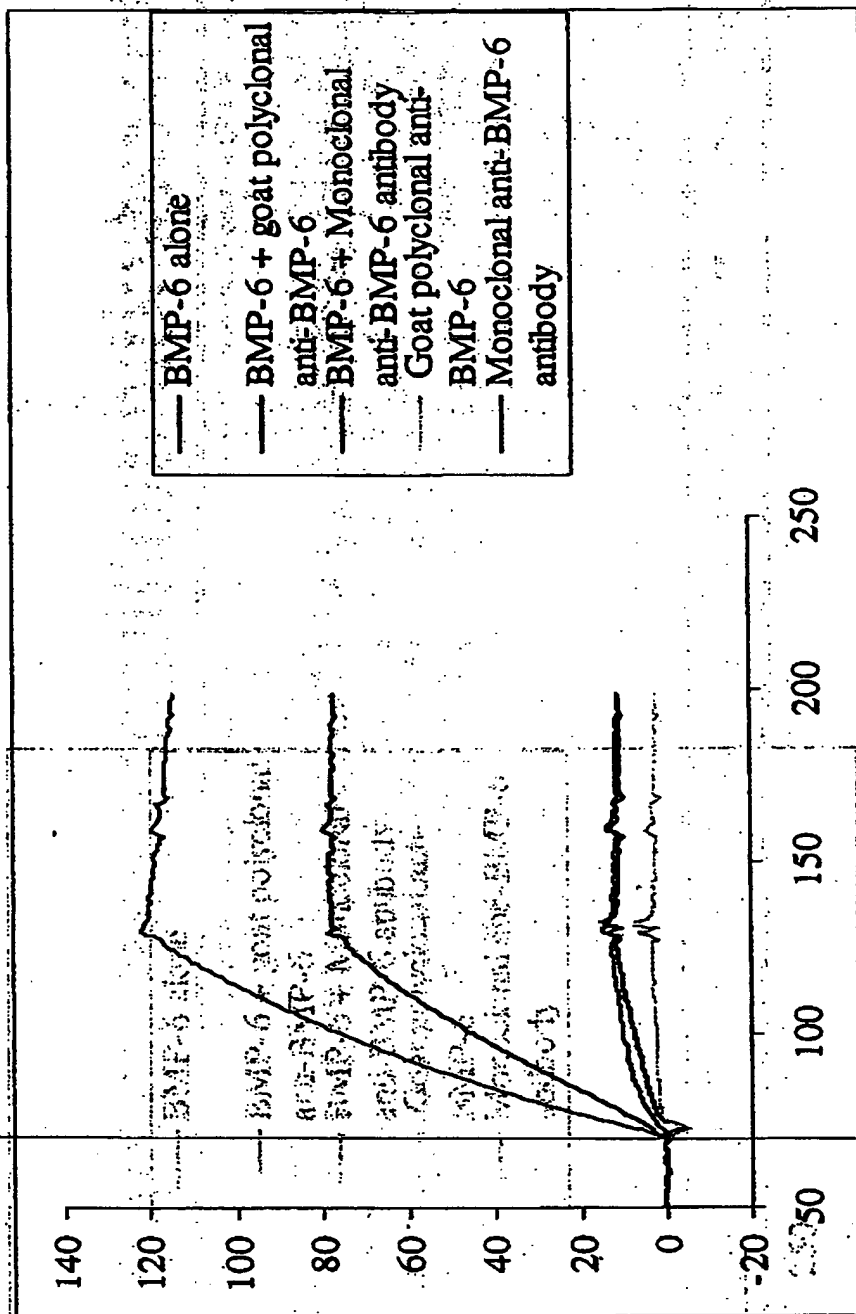


FIGURE 4

Goat Polyclonal anti-hBMP-6; R&D Cat.# AF507
Mouse Monoclonal Anti-BMP-6; R&D Clone 742219.11

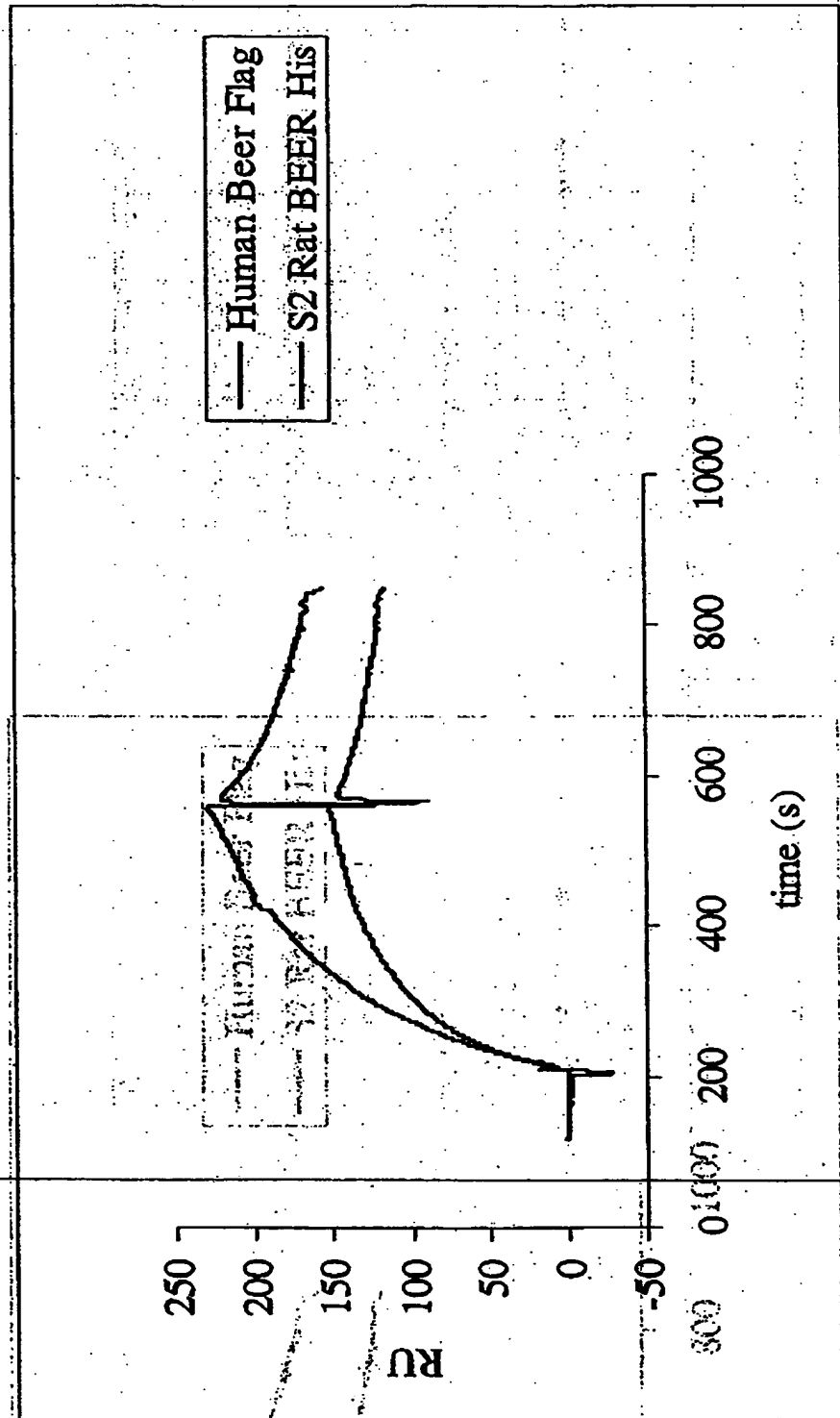


FIGURE 5

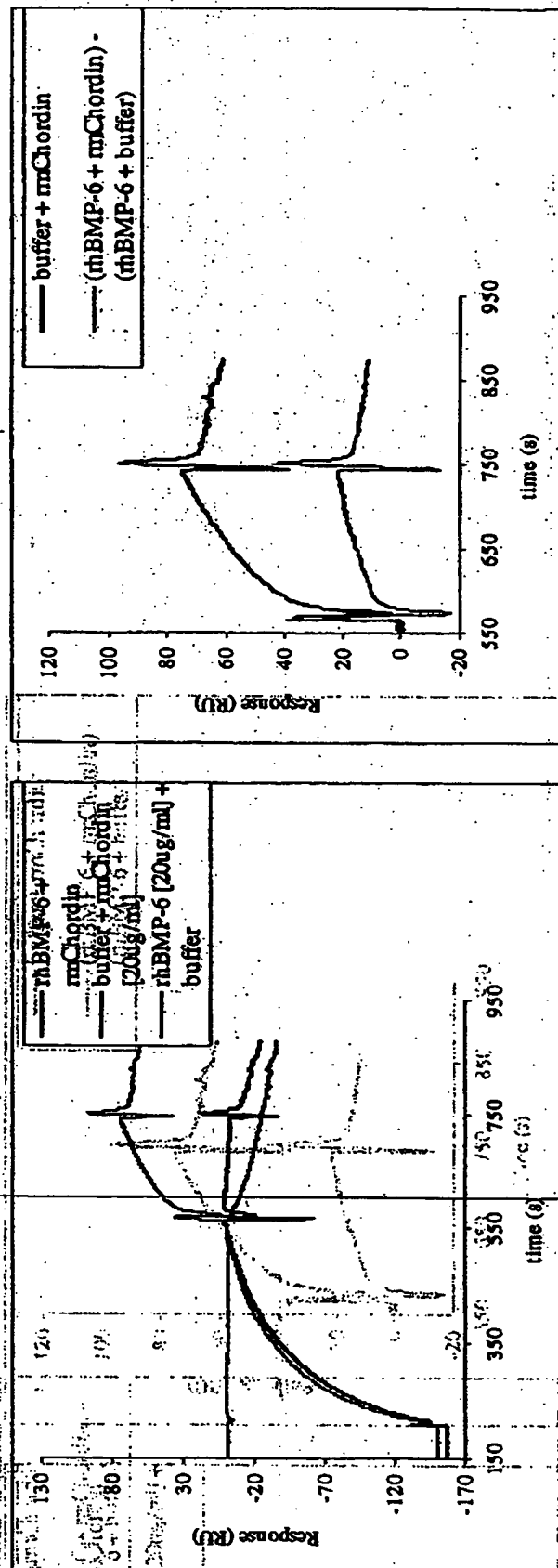


FIGURE 6

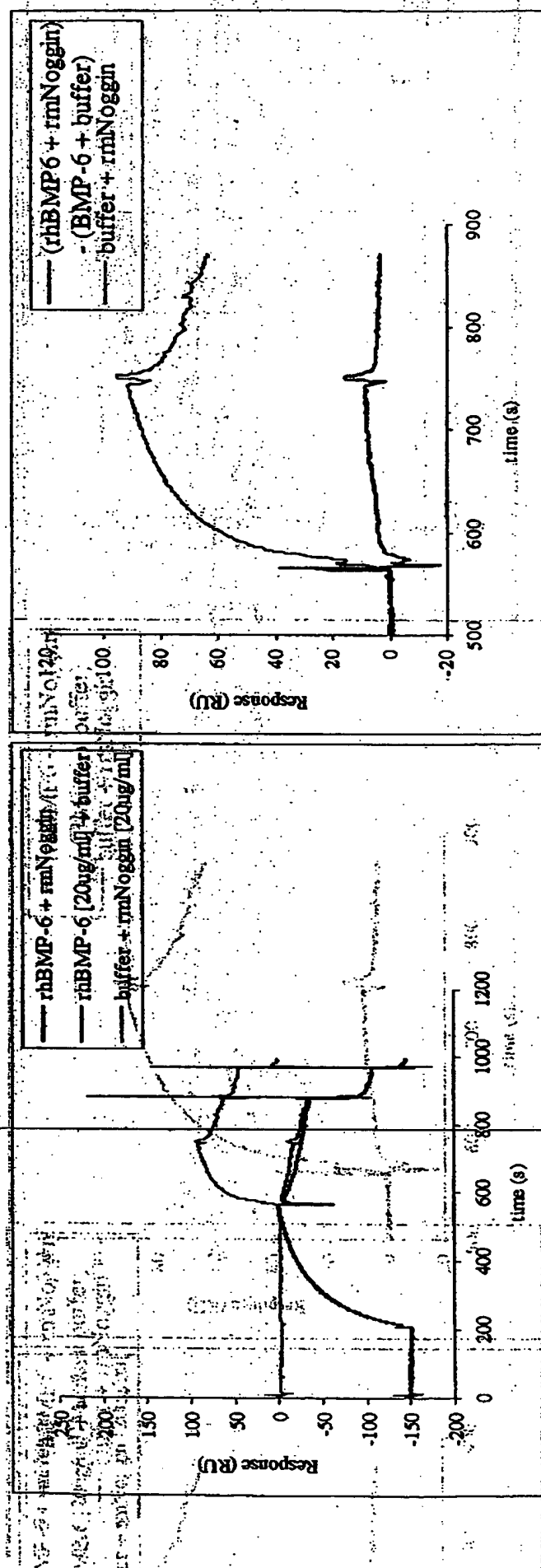


FIGURE 7

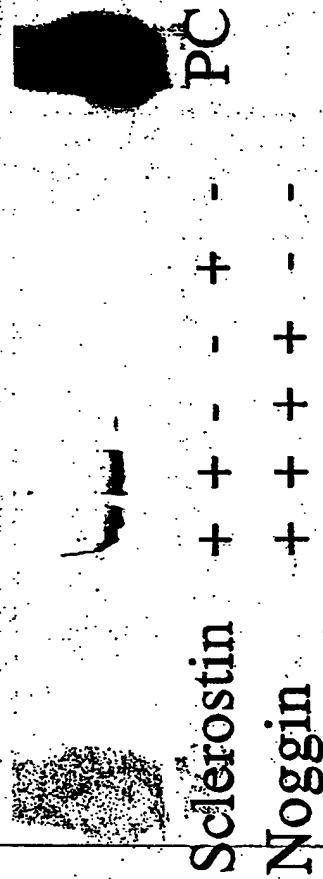


FIGURE 8

FIGURE 9

